



Wayde Sick, Director
Mark Wagner, Assistant Director

November, 2021

Newsletter

Career Outlook:

An Essential Part of Career Exploration and Planning

- Julie Hersch, Career Resource Network Supervisor

Are you looking for resources to help your students with planning and preparing for their future? Career exploration and planning is an important step in planning for the

future. Whether students are preparing for a transition to college, researching an apprenticeship, considering military service, or entering the workforce, it is an exciting time in a student's life. The [Career Outlook](#) magazine contains valuable information about the many opportunities available to students in North Dakota, including in-demand occupations, education and training requirements, the earning potential within a career field, the number of available jobs, and tips can all be found in this magazine. From the self-assessment section to the occupational research section, students can use this magazine as a resource when making informed decisions about their future. The **Career Outlook** magazine is distributed to all middle schools and high schools as well as post-

secondary institutions and many agencies across the state. It is also available online at www.cte.nd.gov/crn.

There is also a user's guide available to you that contains 22 lessons to use in the classroom that enhance the usage of the magazine. You can find Career Outlook User's Guide at: www.cte.nd.gov/coug.

Career Outlook User's Guide (COUG)

Career Outlook User's Guide

Complete with Educator's Guide, Student Activities, and Standards Crosswalk to enhance the usage of the [Career Outlook Magazine](#).

Individual Sections

[Educator's Guide](#)
[Student Activities](#)
[Standards Crosswalk](#)

Dates of Interest

November 2-3, 2021

Program Evaluation
Dakota College, Bottineau

November 16-17, 2021

Program Evaluation
Mandan Public Schools

December 9, 2021

Program Evaluation
Marmot Public Schools,
Mandan

Inside this issue

Career Outlook Magazine.....1

CTE Staff Present at NDCEL.....2

Cyber Madness Tournament.....3

Advisory Committees Required...3

State Director's Column.....4-5

Assistant Director's Report.....6-7

From a Student's Perspective.....7

Student Video Challenge

- Carla Hixon, NDACTE Executive Director

ACTE's CTE Month and NASA HUNCH are collaborating again on this year's student video challenge, showcasing CTE and project-based learning programs in high demand 21st century career fields on earth and in space.

Theme: *How Can Space Exploration Solve Climate Change?*

- Showcase CTE courses and careers to help us understand and solve global warming and climate change
- Students and teachers: Register for video challenge by Feb 4 at www.nasahunch.com (click on Get Involved, then navigate to Forms)

YouTube Video Submission Deadline: April 1

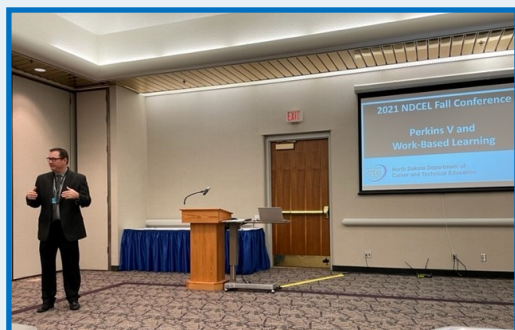
Three awards announced May 16:

- 1) Most Inspiring
- 2) Most Educational
- 3) Most Creative

Cash prizes, \$200 for school and \$25 Amazon Gift Card for up to 6 students/team, and NASA HUNCH plaques with ISS flown patches for Most Inspiring, Most Educational, Most Creative, and Distinguished Participant.

CTE Staff Present at the North Dakota CEL Conference

The North Dakota Council of Educational Leaders Conference was held in Bismarck on October 21 and 22 at the Event Center. The conference had about 500 participants. Keynote presentations featured Todd Whitaker, Kari Yates, and John and Brenda Tufte. Breakout sessions had a variety of topics including Leadership, STEM/STEAM, School/Community Relations, Culture and Climate, Innovation, Personalized Learning, and more.



North Dakota Career and Technical Education leaders presented on relevant topics. Wayde Sick, CTE Director, presented on "Perkins V and Work-Based Learning." "The more a student can learn about a career path, the better informed decision they can make," said Wayde Sick.

Mark Wagner, Assistant State Director for CTE presented on "CTE Without Limits: A Shared Vision for the Future of Career and Technical Education" including information about CTE at the state and national level.

Get Ready for CTE Month: February 2021

- Carla Hixon, NDACTE Executive Director

Share your success stories on social media via **#CTEMonth**

- ⇒ Download the CTE Month logo for use with any of your print or digital outreach [CTE Month® - ACTE \(acteonline.org\)](http://www.acteonline.org)
- ⇒ Raise awareness with CTE Month products – mood color products, including pens, pencils, bracelets, balloons, etc., to use at events. [ACTE by ProLine Embroidery \(goproline.com\)](http://www.goproline.com)
- ⇒ Host a school visit and invite members of your local community to learn about the school's strong CTE programs
- ⇒ Reach out to media to encourage them to attend events and communicate benefits of CTE
- ⇒ Use Virtual backgrounds celebrating CTE (www.acteonline.org/zoom-virtual-backgrounds)

Be a Part of History with North Dakota's Inaugural Cyber Madness High School Cyber Tournament

-Tracy Becker, Supervisor, Health, Trades and Technical Education, SkillsUSA Advisor & Tracy Foss, IT Supervisor and TSA Advisor

The State of North Dakota Chief Information Officer Shawn Riley recently announced the North Dakota Cyber Madness tournament is coming to Bismarck State College Campus, Feb. 10–12, 2022. All North Dakota high schools are invited to compete for a fun, educational, and skill-building experience. Riley said, “We are super excited North Dakota continues to be a leader in cybersecurity education and can charge the way with this first-of-its-kind tournament.”

The events include:

- Capture the Flag
- Hardening Firewalls
- Reducing Attack Surface Area
- Protecting Against Unknown Threats
- and more!

For questions please contact:
Cybersecurity Education and Public
Awareness Manager Tony Aukland:

- aukland@nd.gov
- (701) 328-3245

Teams consist of up to five students. Schools may have more than one team attend. This event will also include a mini-conference for students allowing them to learn, network, and meet with North Dakota colleges, technology employers, vendors, and sponsors. The conference will also include keynote speakers from the NDIT Team and Palo Alto Networks.

Competitors will be given access to Palo Alto Networks NetSec Fundamentals online resources to prepare for the event. As well, the Palo Alto Networks Cyber Competition team will be on-site to further the education of the students prior to the start of the tournament.

Watch your e-mail! Additional contest details will be coming out in the upcoming weeks.

To register your school for the tournament, please visit: <https://bit.ly/NDCyberMadnessRegistration>.

Cyber Madness Partners



Advisory Committees Are Effective Partnerships

It is a requirement for all approved CTE Programs to have an advisory committee representing the community including business and industry partners who can help the program. It is also a requirement to have a minimum of two meetings a year; preferably at least one each semester.

Sample agendas, advisory committee forms, and guidelines can be found on our website at www.cte.nd.gov/educators.



Bismarck Career Academy hosts the advisory committee meetings for the Bismarck CTE programs. Shown are the Business & Marketing members at their October meeting.

State Director's Column

-Wayde Sick, Director, North Dakota Career and Technical Education

Work Opportunities for Students Age 16-17

With all the discussion going on in North Dakota about expanding access to Work-Based Learning Opportunities, a recurring question arises. What do we do about our 16- and 17 year-old students? Federal child labor provisions were enacted to ensure young people are safe while on work sites, but these provisions also enable students the opportunity to expand their work experience through appropriate supervision and instruction.

Child Labor Bulletin 101 outlines the hazardous occupations in which individuals under the age of 18 cannot participate. It also provides exemptions for 16 and 17 year-olds to engage in certain activities. Exemptions exist if a student is either considered an apprentice or a student learner. Let's look at these more closely. The information found below can be found in Child Labor Bulletin 101.



A Youth Apprenticeship must meet the following criteria:

- The youth must be employed in a craft recognized as an apprentice-able trade. (12432 of 4 DLR 4/2018) The hazardous work is incidental to the youth's training.
- The hazardous work is intermittent and for short periods of time; (less than 20% of time spent in hazardous work)
- The hazardous work is performed under the direct and close supervision of a journeyman AND
- The youth is:
 - registered by the Bureau of Apprenticeship and Training of the U.S. DOL as employed in accordance with the standards established by the Bureau.
 - registered by a State agency as employed in accordance with the standards of the State apprenticeship agency recognized by U.S. DOL, found by U.S. DOL to conform substantially with Federal or State standards.

A Student-Learner Program must meet the following criteria:

- The student-learner is enrolled in a course of study and training in a cooperative CTE training program under a recognized state or local educational authority or in a course of study in a substantially similar program conducted by a private school.
- Such student-learner is employed under a written agreement which provides documentation that;

Continued on page 5

Wayde Sick

State Director

North Dakota CTE

Did you know...

ACTE Dates

CareerTech Vision 2021

December 1 @ 1:00 pm to
December 4 @ 5:00 pm

National Policy Seminar 2022

March 21, 2022 @ 8:00 am to
March 23, 2022 @ 5:00 pm

Region V Conference

April 6, 2022 @ 8:00 am to
April 9, 2022 @ 5:00 pm

Region I Conference

May 4, 2022 @ 8:00 am to
May 6, 2022 @ 5:00 pm

Work Opportunities for Students Age 16-17

Continued from page 4

- * The hazardous work is incidental to the youth's training. The hazardous work is intermittent and for short periods of time (less than 20% of time spent in hazardous work);
 - * The hazardous work is performed under the direct and close supervision of a qualified and experienced person.
 - * That safety instruction shall be given by the school and correlated by the employer with on-the-job training.
 - * That a schedule of organized and progressive work processes to be performed on the job shall have been prepared.
- Each such written agreement shall contain the name of the student learner and shall be signed by the parent/guardian, employer, and the school coordinator or principal. Copies of each agreement shall be kept on file by both the school and the employer.
 - This exemption for the employment of student-learners may be revoked in any individual situation where it is found that reasonable precautions have not been observed for the safety of minors employed there under.

In other words, with proper education, supervision, and partnerships, we can safely place our students with our employer partners with the intent to provide education and training.

To learn more about Child Labor Bulletin 101, please visit the sites below. The first is a 1-pager, that simplifies the federal guidelines. The second link is the link to Child Labor Bulletin 101. The final link is the North Dakota Work-Based Learning Guidance, which contains additional resources as we continue to expand opportunities.

[HazardousExemptionsWBL.pdf](#) (nd.gov)

[19939.pdf](#) (dol.gov)

[WBL_Guidance.pdf](#) (nd.gov)

If you have questions, do not hesitate to contact either Mark Wagner (mawagner@nd.gov) or Wayde Sick (wasick@nd.gov).

The Department of Career and Technical Education is here to assist you during these unprecedented times. Our team is committed to providing you with information and resources that will allow you to continue to teach North Dakota's students skills that will put them on a career pathway to success.

Assistant Director's Corner



*Mark Wagner, Assistant Director,
North Dakota Career and Technical
Education*

Mission of CTE

The mission of the State Board for Career and Technical Education is to work with others to provide all North Dakota citizens with the technical skills, knowledge, and attitudes necessary for successful performance in a globally competitive workplace.

US House Education and Labor Committee Marks Up Budget Reconciliation Package

The House Education and Labor Committee marked up its portion of the House's \$3.5 trillion budget reconciliation bill, known as the Build Back Better Act, on September 9 and 10. The Committee's portion of the bill contains a total of \$761 billion in new funding, and in a significant victory, \$4 billion for Career Technical Education (CTE) programs through the Strengthening Career and Technical Education for the 21st Century Act (Perkins V)!

The bill also includes a significant number of other investments in programs or initiatives that could benefit CTE programs, students, and institutions. Relevant components of the bill include:

Perkins Basic State Grant/Innovation and Modernization: \$3 billion in funding through the Perkins Basic State Grant funding stream, with an additional \$1 billion in funding for the existing Innovation and Modernization fund, for a total of \$4 billion to be distributed through Perkins V.

Tuition-Free Community College: Beginning in financial aid year 2023-24, the bill provides two years of tuition-free community college for eligible students.

Workforce Innovation and Opportunity Act (WIOA) Allocations: \$16 billion for dislocated worker employment and training; \$15 billion for adult worker employment and training activities; \$9.05 billion for youth workforce investment activities; \$3.6 billion for carrying out ex-offender activities.

Registered Apprenticeships, Youth Apprenticeships and Pre-Apprenticeships: \$5 billion for grants, cooperative agreements, contracts, or other arrangements to create or expand registered apprenticeship programs, youth apprenticeship and pre-apprenticeship programs.

Community College and Industry Partnerships Grants: \$2 billion for grants to community colleges to expand workforce development and employment opportunities in high-skill, high-wage or in-demand industry sectors or occupations.

Industry or Sector Partnership Grants: \$10 billion for competitive grants to partnerships to expand workforce development and employment opportunities for high-skill, high-wage and in-demand industry sectors or occupations, including information technology, clean energy, infrastructure and transportation, advanced manufacturing, public health home care and early childhood care and education.

Continued on page 6

Mark Wagner: *continued from page 6*

Direct Care Workforce: \$1.48 billion to award competitive grants to provide competitive wages, benefits, and other supportive services to direct care workers, and for the recruitment, retention, and training of direct care workers.

Adult Basic Education: \$3.6 billion to support adult education programs under Title II of WIOA.

Rebuild America's Schools Grant Program: \$81 billion from FY 2022-24 for grants to state educational agencies (SEAs), with \$39.6 billion awarded in each of FYs 2023 and 2024. Funds would be awarded to local educational agencies to create and implement facilities plans to address health, safety, educational equity, enrollment diversity, environmental sustainability, and climate resiliency of public school facilities.

"Grow Your Own" Programs: \$197 million to address teacher shortages in high-need subjects and locations and to increase the diversity of the education workforce.

Retention and Completion Grants: \$9 billion for retention and completion grants to institutions of higher education.

Pell Grants: increase the maximum aid amount by \$500 per year through the 2029-30 school year.

However, based on the definitions included in the draft legislation, post-secondary area technical centers (ATCs) have been left out of the free community college proposal. In many states and as in North Dakota, these public, fully accredited institutions are the primary delivery of postsecondary CTE certificate programs, but because some do not grant associate degrees, ATCs would not be included in this important program.

As this bill moves forward, it is important that CTE stakeholders continue to communicate with our members of Congress to include important investments in education and workforce development in the budget reconciliation bill, and to ensure all CTE programs are included!

CTSO Leadership Perspective

Technology Student Association (TSA) has become a huge part of my life. It has helped me grow into the person I want to be. It has helped me with public speaking and how to step up and be a leader. My goal is to make a difference in my CTE program.

Shantae Rehbein is the Sergeant-at-arms for the North Dakota Technology Student Association. She is a student at Dickinson High School where she is a local member of TSA.

